

REMARKS

Reconsideration of the rejection of claim 12 is respectfully requested. It calls for a table to store a plurality of transfer functions. Moreover, each of the transfer functions must correspond to at least one source image. Surprisingly, the claim is rejected based on the teaching in Cashion at column 8, lines 9-54. There is no discussion whatsoever in this material of any transfer function. The material cited relates to the range of an azimuth controller look-up table 36, shown, for example, in Figure 2A. That controller feeds the range control 32 and the azimuth control 34.

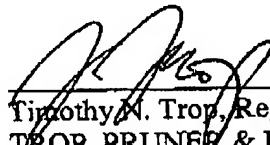
The azimuth control 34 feeds through adders 110-132, which then proceeds to Figure 2B, which go through additional adders to reach the filters 46 and 48. It is at the filters 46 and 48, shown in Figure 2C, where the transfer functions are actually calculated. They are calculated and not obtained from tables and they are not in any way present at the time in processing corresponding to the block 36. Instead, as explained in column 10 at lines 15-20, the head related transfer functions are "obtained by measuring the ear inputs for a sound source directly in front of a listener at zero degrees of elevation." The filter 46 or 48 is implemented as an FIR. Thus, the table, shown in Figure 2A at 36, has nothing to do with the transfer functions. The transfer functions are not obtained from a table as claimed. They are calculated and they are calculated long after the table 36 is utilized.

Moreover, the table 36 is better shown in Figure 4. All it does is show different azimuth indices and how they relate to an amplitude and delay. For example, as explained in the cited material at column 8, lines 15-21, a scaler 40' inside the range control 32 receives the range scale factor value and time delay on lines 39' from the look-up table shown in Figure 3. Thus, there are no transfer functions yet and they most certainly are not stored in Figure 3. Nothing in Figure 3 is a transfer function. A transfer function is not even determined until later in the sequence and is not determined from the look-up table, but, rather, is calculated.

Moreover, there is no table that stores transfer functions that correspond to at least one source image. Reconsideration would be appropriate.

Respectfully submitted,

Date: December 3, 2007



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